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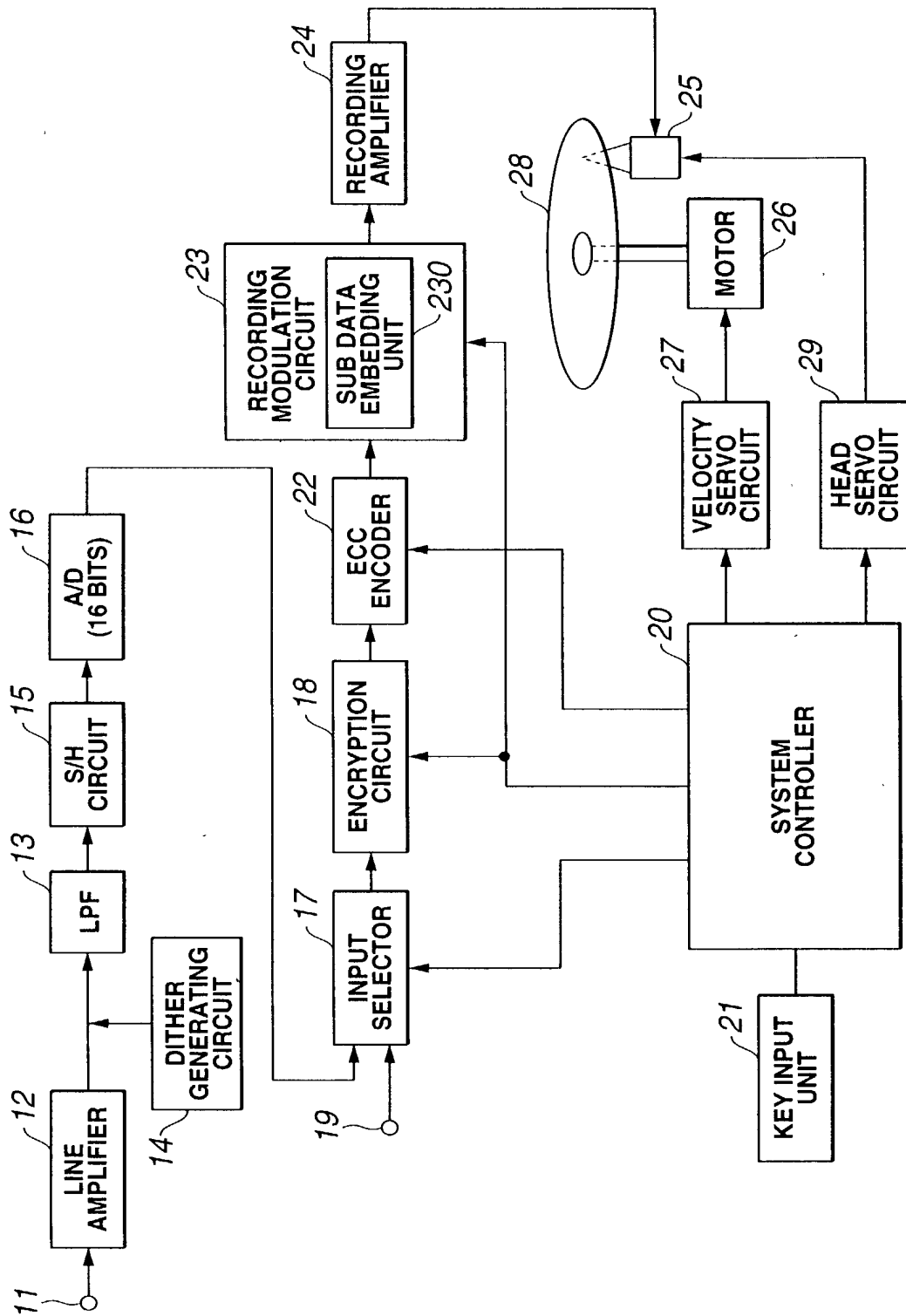
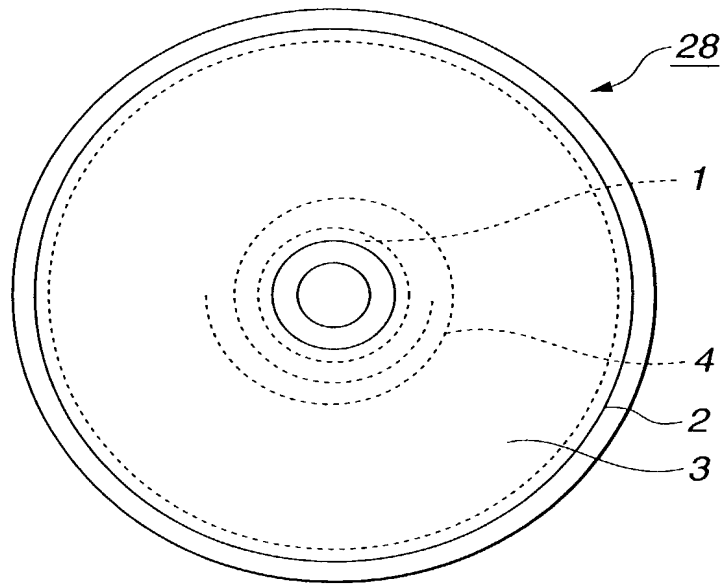
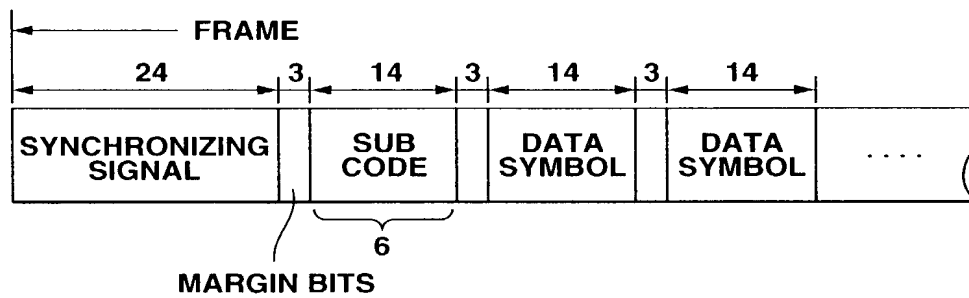


FIG.1

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**FIG. 2**



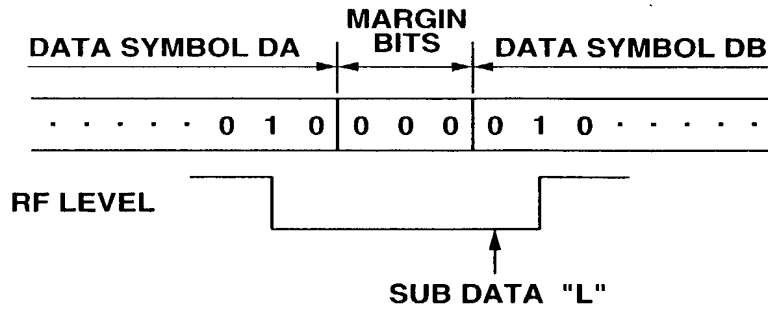
**FIG. 3**

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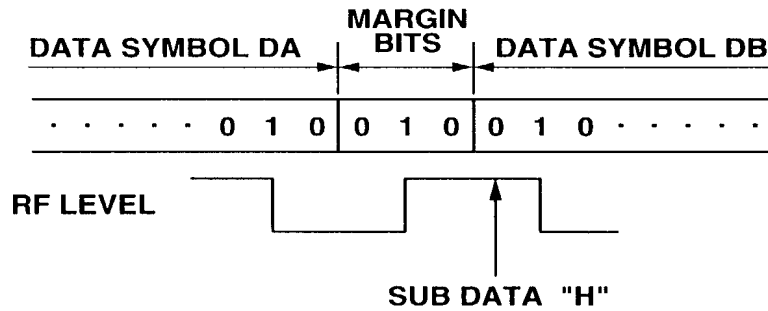
	DATA SYMBOL DA	MARGIN BITS	DATA SYMBOL DB
FIG.4A	. . . . . 0 0 1	0 0 0	1 0 0 . . . . .
FIG.4B	. . . . . 0 0 1	0 0 0	0 1 0 . . . . .
FIG.4C	. . . . . 0 0 1	0 0 0	0 0 1 . . . . .
		0 0 1	
FIG.4D	. . . . . 0 1 0	0 0 0	1 0 0 . . . . .
FIG.4E	. . . . . 0 1 0	0 0 0	0 1 0 . . . . .
		0 1 0	
FIG.4F	. . . . . 0 1 0	0 0 0	0 0 1 . . . . .
		0 1 0	
		0 0 1	
FIG.4G	. . . . . 1 0 0	0 0 0	0 0 1 . . . . .
		1 0 0	
		0 1 0	
		0 0 1	

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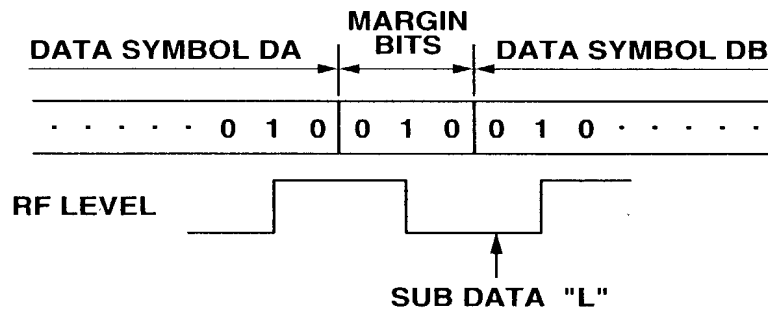
**FIG.5A**



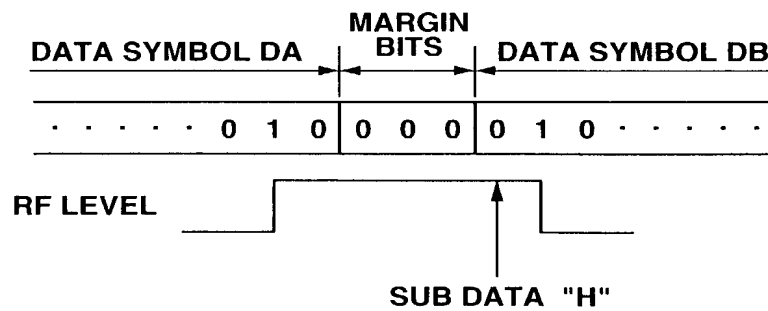
**FIG.5B**



**FIG.5C**



**FIG.5D**



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MEDIUM TYPE (DISC TYPE)	RF LEVEL "L"	RF LEVEL "H"
ROM-TYPE (REPRODUCTION ONLY)	0	1
RAM-TYPE (CD-R/CD-RW)	1	0

**FIG.6**

MEDIUM TYPE (DISC TYPE)	DATA PORTION FOR RECORDING SUB DATA
ROM-TYPE (REPRODUCTION ONLY)	DATA PORTION SUCH THAT ALL-0 IS FOLLOWED BY ALL-0 IN 8-BIT DATA BEFORE EFM
RAM-TYPE (CD-R/CD-RW)	DATA PORTION SUCH THAT ALL-0 IS FOLLOWED BY ALL-1 IN 8-BIT DATA BEFORE EFM

**FIG.7**

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MEDIUM TYPE (DISC TYPE)	SUB CODE AREA OF EACH FRAME
ROM-TYPE	PATTERN A
CD-R-TYPE	PATTERN B
CD-RW-TYPE	PATTERN C

**FIG.8**

MEDIUM TYPE (DISC TYPE)	SUB DATA EMBEDDING PATTERN ( — — — — — ⇒ "1" - - - - - ⇒ "0" )
ROM-TYPE	"H" — — — — — "L" - - - - -
CD-R-TYPE	"H" — — - - - "L" - - - — —
CD-RW-TYPE	"H" — — - - - "L" - - - — —

**FIG.9**

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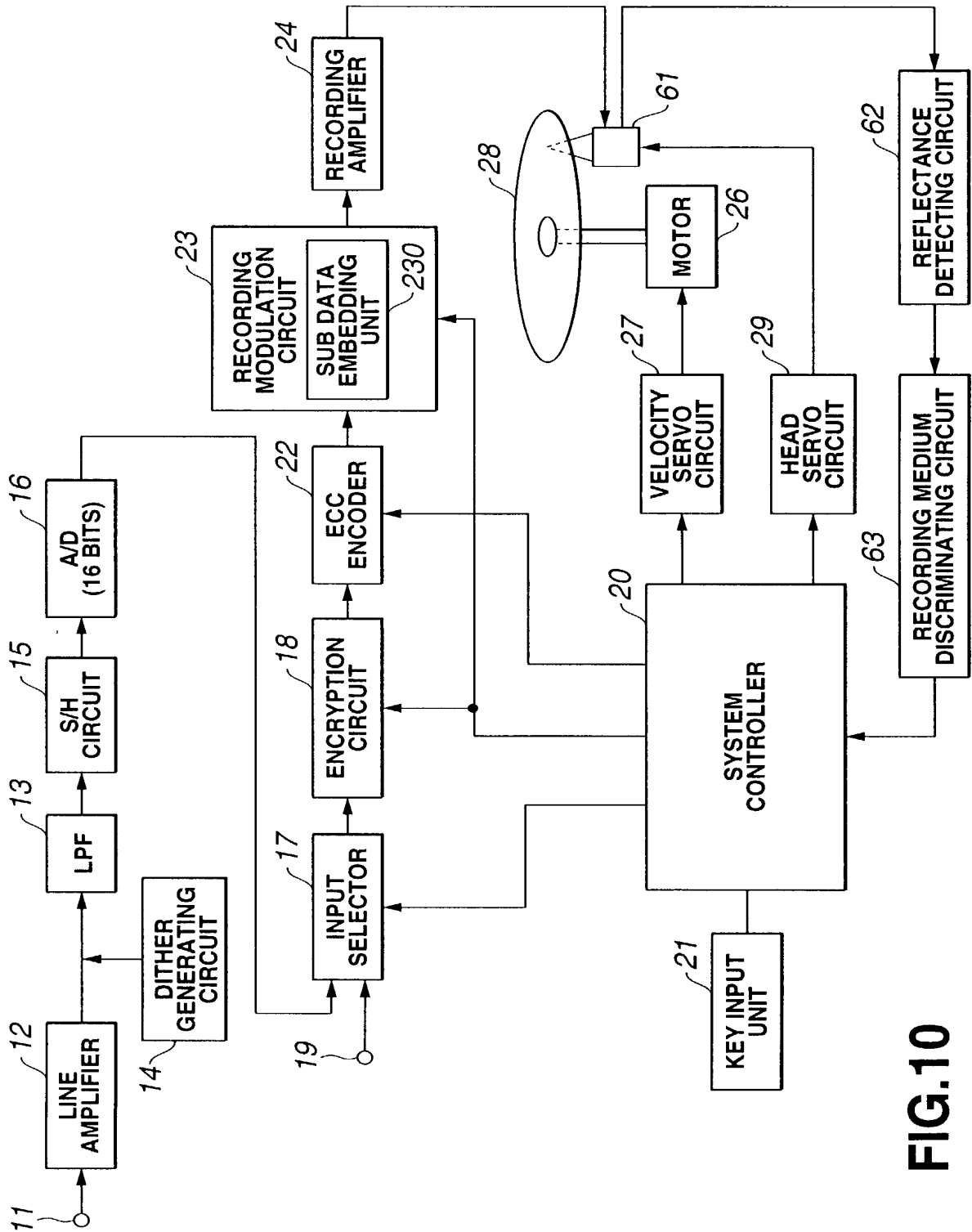


FIG.10

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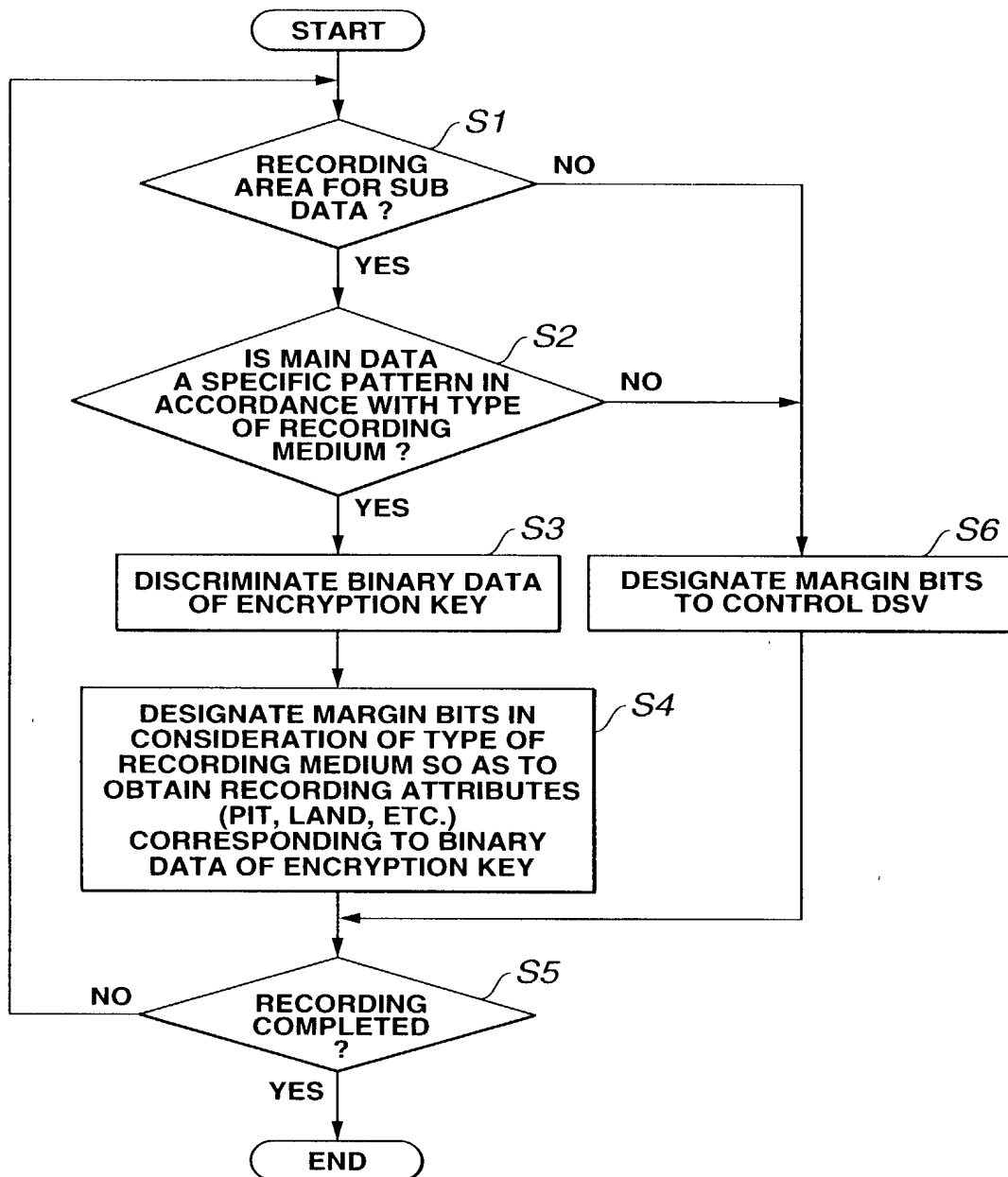


FIG.11



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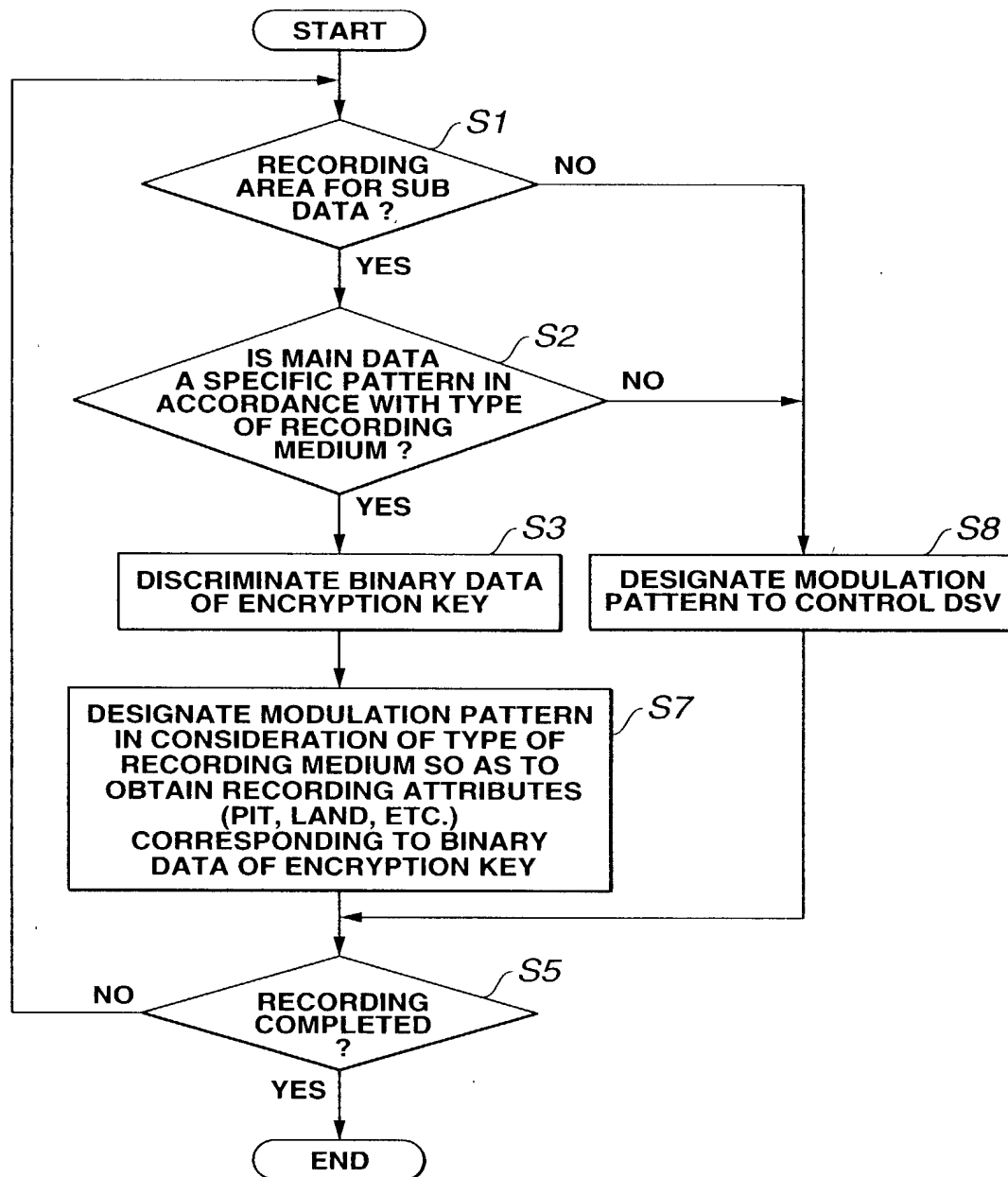


FIG.12

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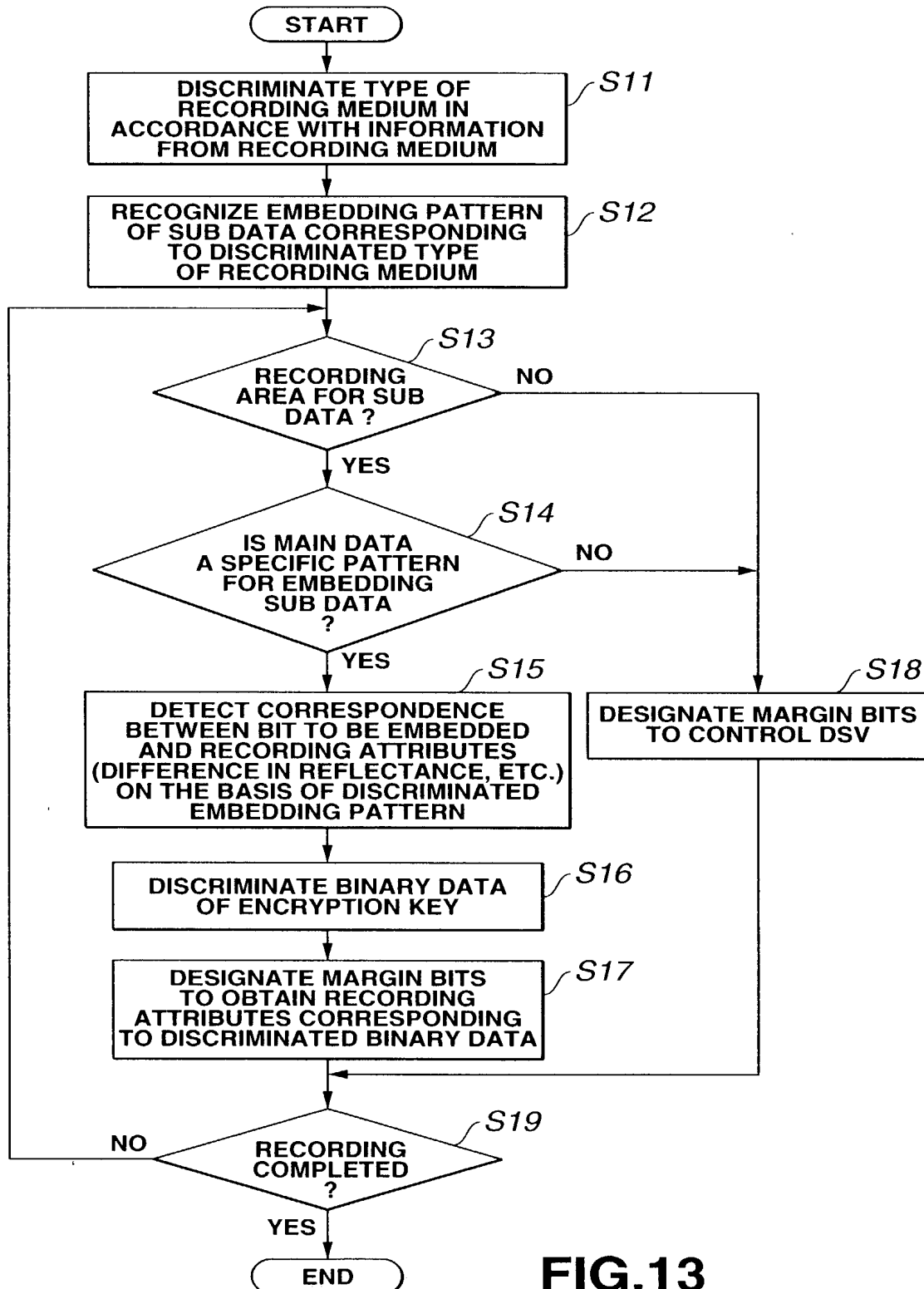


FIG.13

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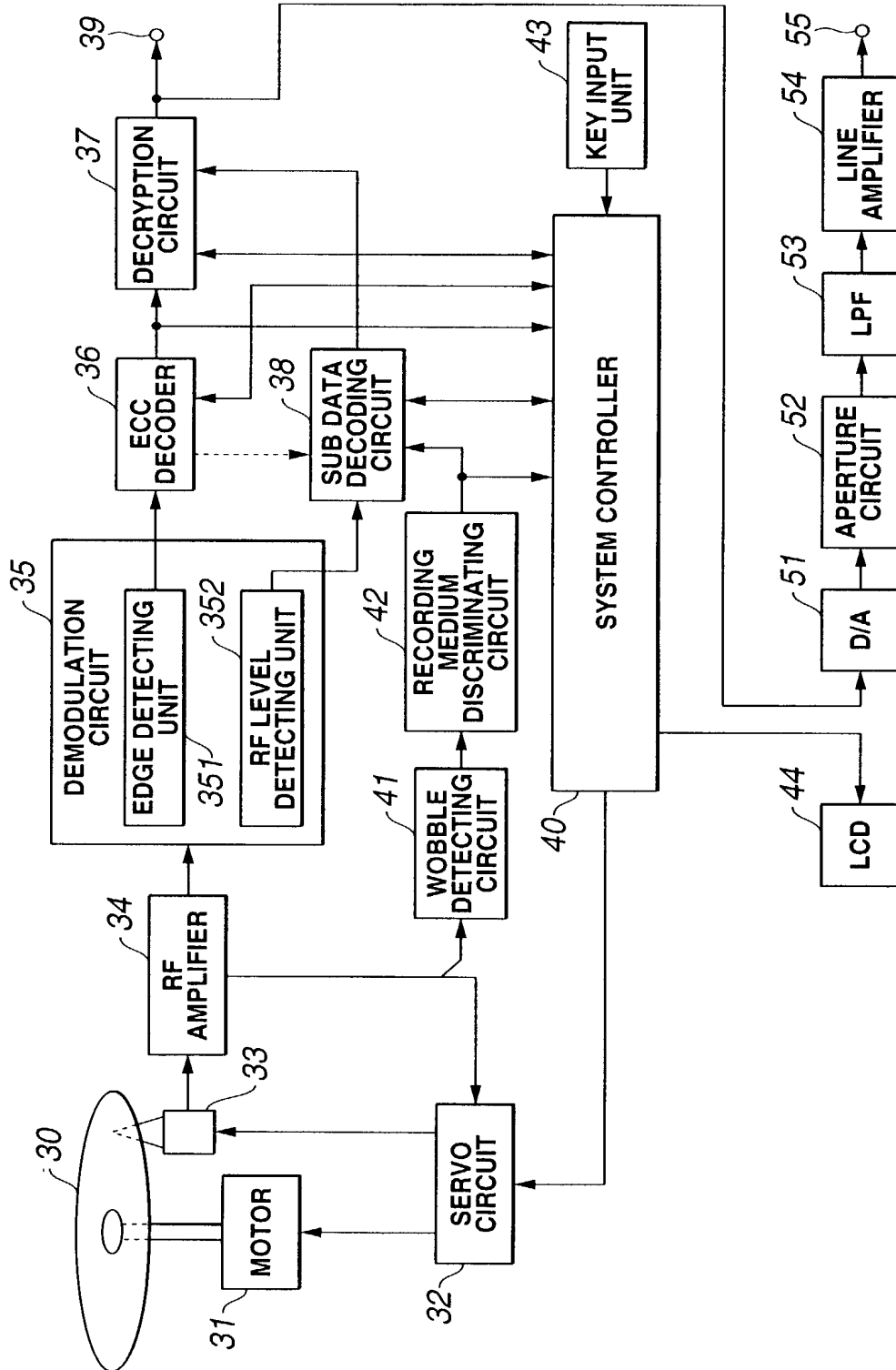


FIG.14

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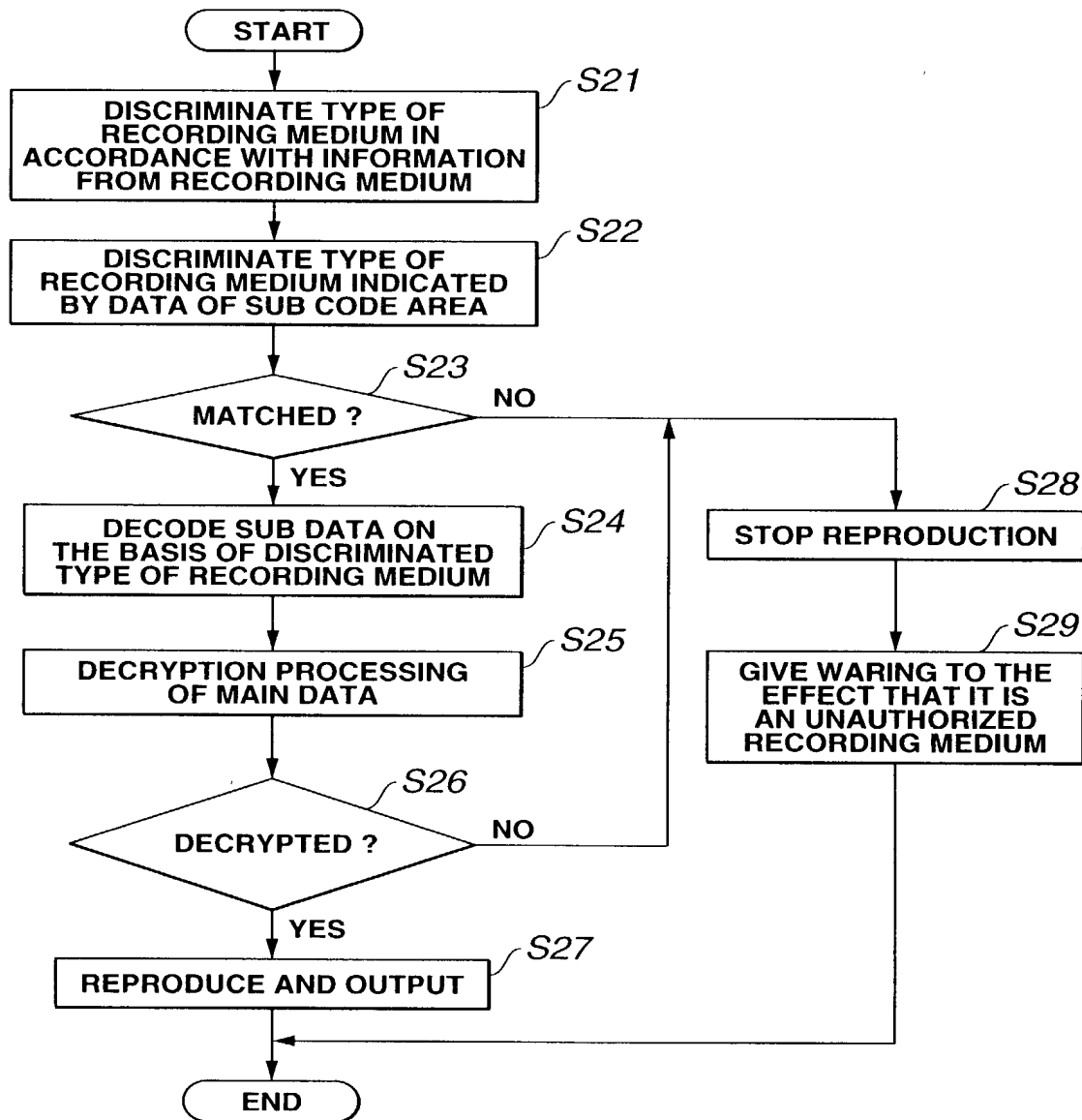


FIG.15

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TYPE OF MAIN DATA (ORIGINAL/COPY)	RF LEVEL "L"	RF LEVEL "H"
ORIGINAL	0	1
COPY	1	0

**FIG.16**

TYPE OF MAIN DATA (ORIGINAL/COPY)	DATA PORTION FOR RECORDING SUB DATA
ORIGINAL	DATA PORTION SUCH THAT ALL-0 IS FOLLOWED BY ALL-0 IN 8-BIT DATA BEFORE EFM
COPY	DATA PORTION SUCH THAT ALL-0 IS FOLLOWED BY ALL-1 IN 8-BIT DATA BEFORE EFM

**FIG.17**

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TYPE OF MAIN DATA (ORIGINAL/COPY)	SUB CODE AREA OF EACH FRAME
ORIGINAL	PATTERN A
COPY	PATTERN B

**FIG.18**

TYPE OF MAIN DATA (ORIGINAL/COPY)	SUB DATA EMBEDDING PATTERN ( —→ "1" ---→ "0" )
ORIGINAL	"H" —    ---    — "L" ---    —    ---
COPY	"H" ---    ---    --- "L" —    —    —

**FIG.19**

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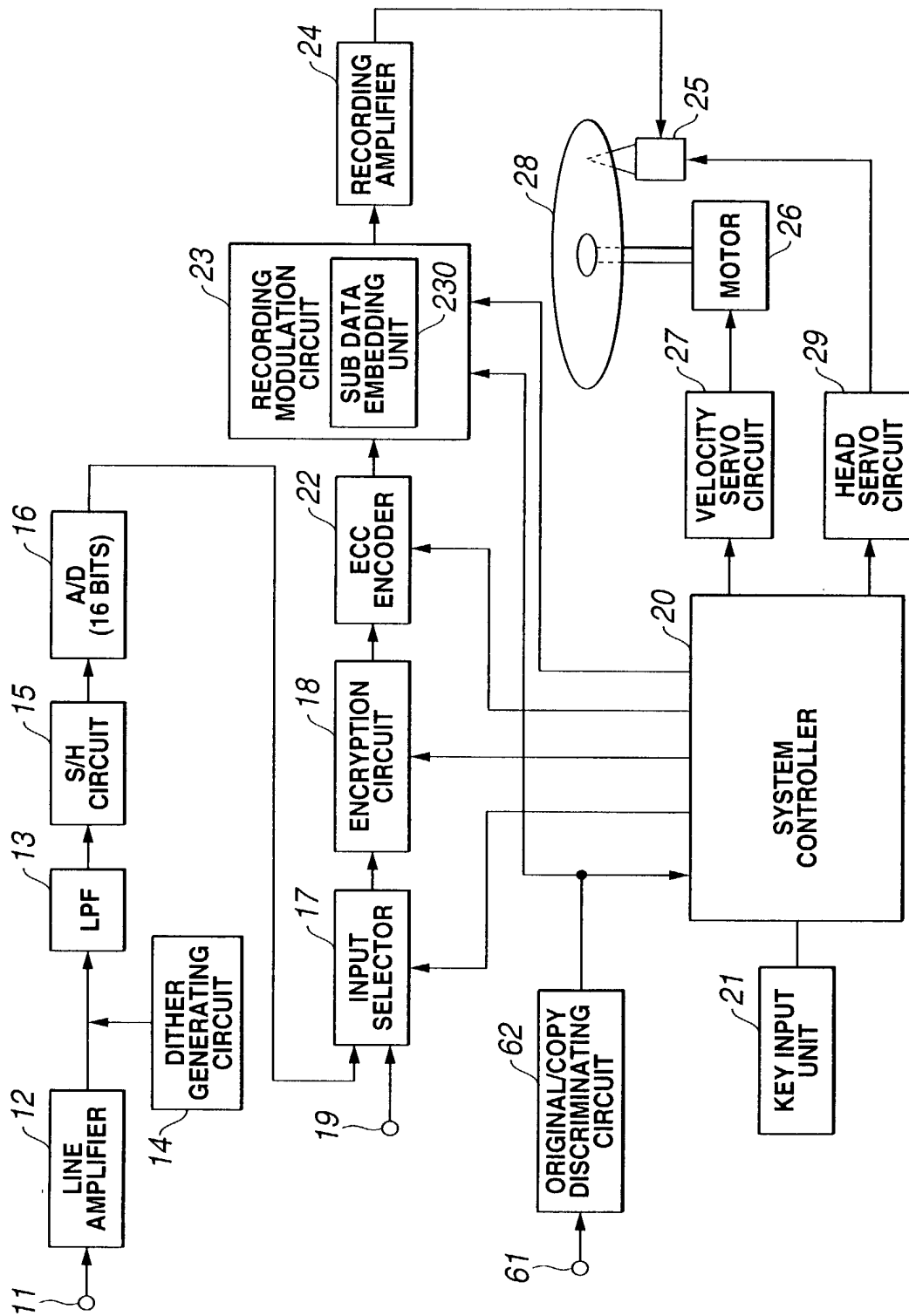


FIG.20

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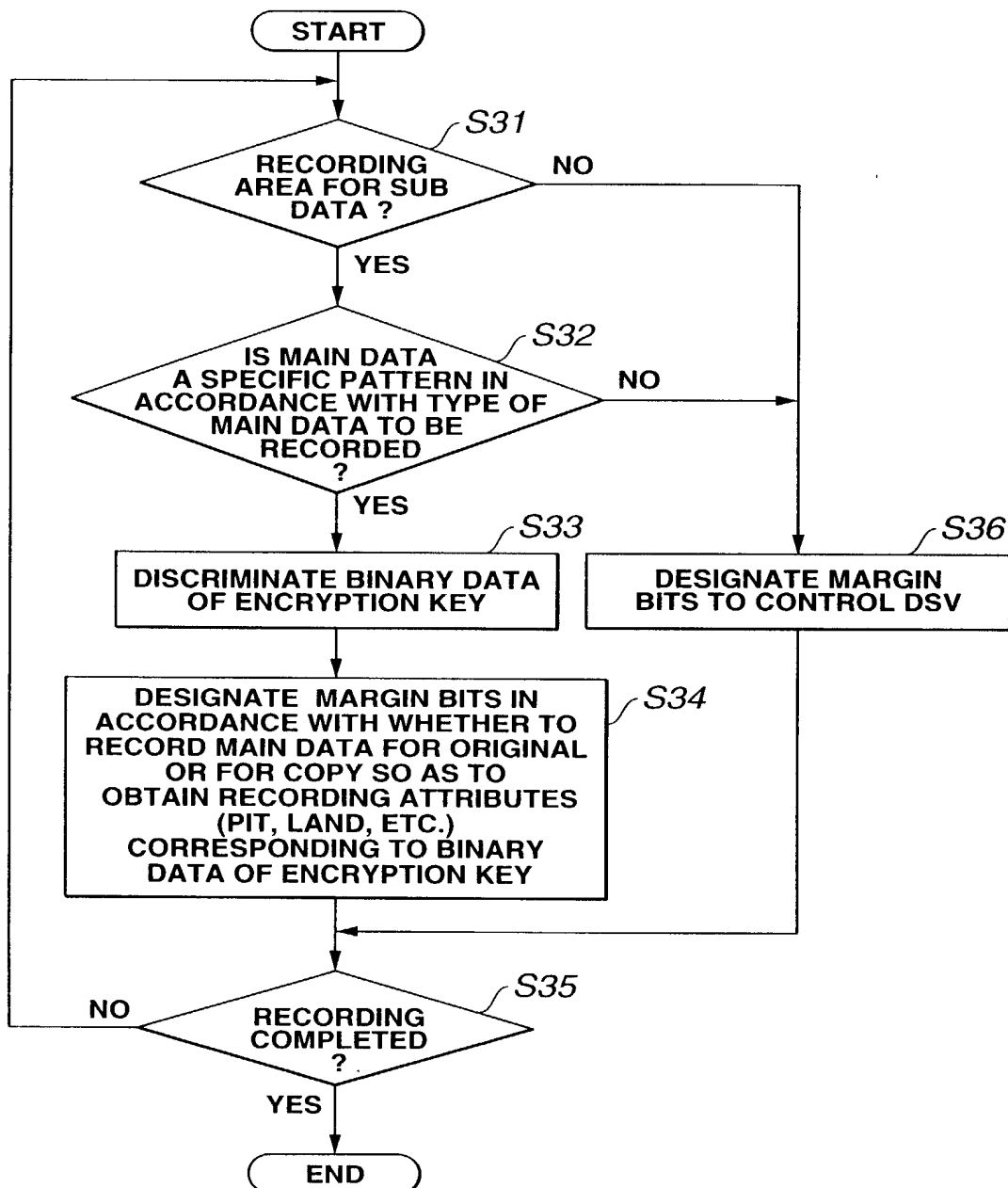


FIG.21



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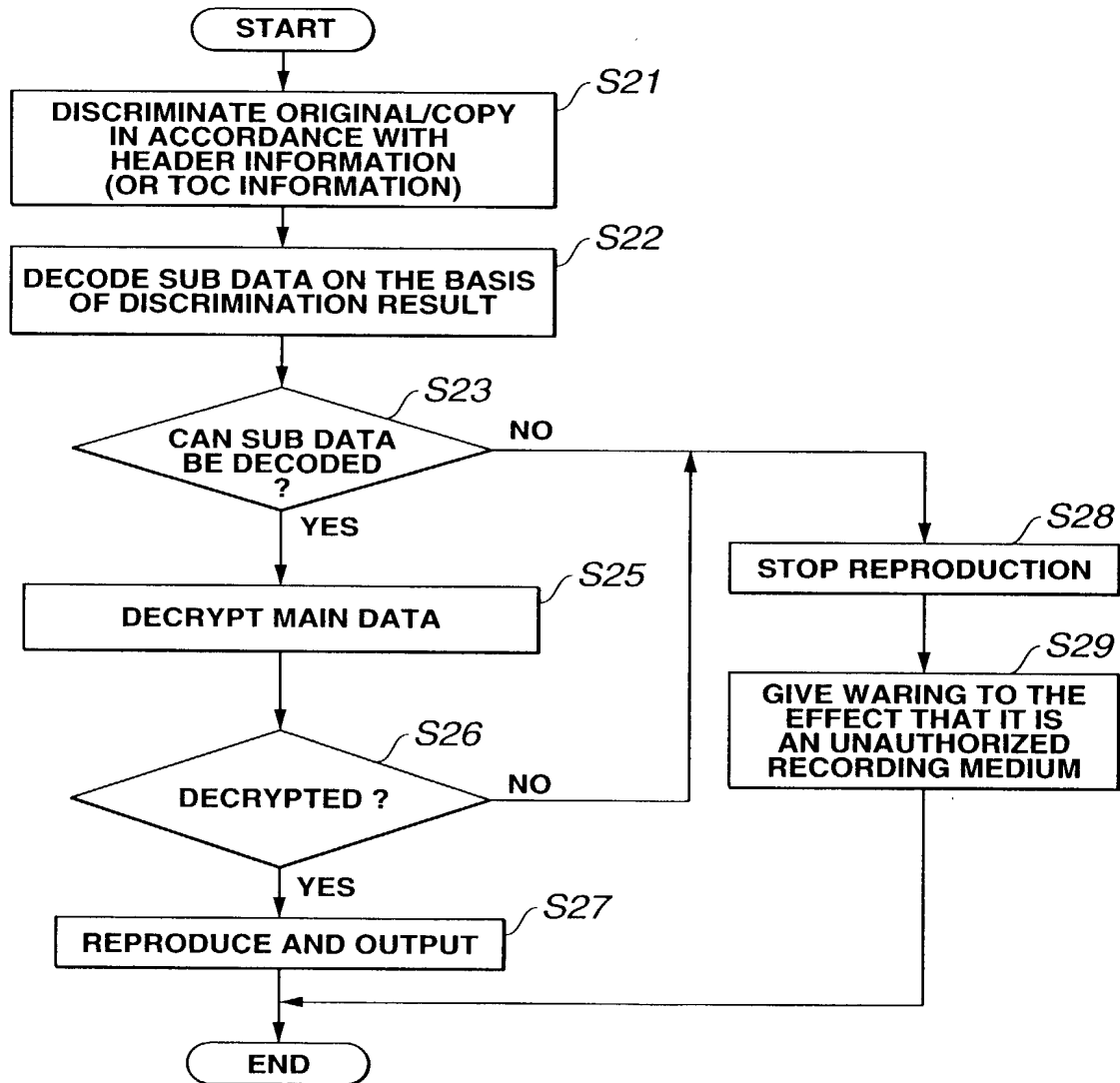


FIG.22

TYPE	SUB DATA EMBEDDING PATTERN ( —→ "1" ) - - - - -→ "0" )
ORIGINAL ROM	"H" —    - - -    —    — "L" - - -    —    - - -    - - -
ORIGINAL R/RW	"H" —    - - -    —    - - - "L" - - -    —    - - -    —
COPY ROM	"H" - - -    - - -    - - -    — "L" —    —    —    - - -
COPY R/RW	"H" - - -    - - -    - - -    - - - "L" —    —    —    —

FIG.23